



Portable **Ice Maker**

Instruction Manual



IM-120B (Black)
IM-120S (Stainless)

Thank you for your purchasing our icemaker, it is our pleasure to offer you our good quality product and complete service.

In order to ensure that you will have satisfactory usage and correct cleaning and maintenance, please read this manual carefully before use and keep the instruction manual for future reference.

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■ Features

The portable icemaker is a newly developed item in the home appliance market, with features such as slim shape and fast ice making. Its computerized functions include ice full indicator, water low indicator, automatic stop and 3 cube size selection.

■ Safety notice

1. Safety Requirements:



WARNING

Please follow the safety notices below to avoid fire, shock or potential harm.
For other operations, please refer to national and local electric safety regulations.

- This unit is equipped with a 3-prong (grounding) plug. DO NOT, UNDER ANY CIRCUMSTANCES, CUT OR REMOVE THE THIRD PRONG FROM THE POWER CORD. If you have only a 2-prong wall outlet, it is your responsibility to have it replaced with a properly grounded 3-prong outlet.
- Cut off the power before maintenance and service.
- Do not move the unit when the power is on.
- Do not share the same electrical outlet with other home appliances.
- Always unplug by pulling on the plug and not the cord.
- Contact Sunpentown immediately if power cord is damaged.

2. Please pay attention to the following instructions when using and making the repairs.

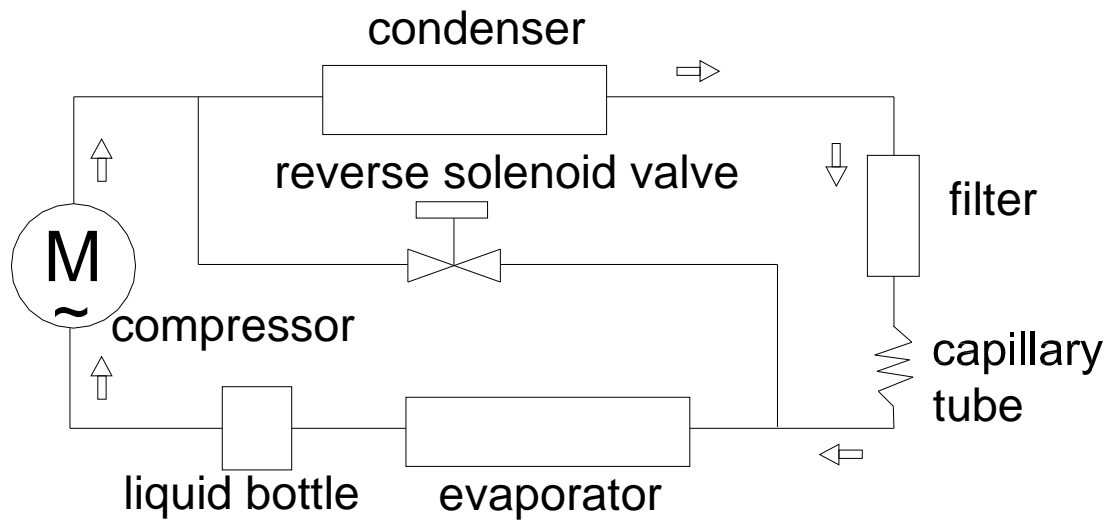


WARNING

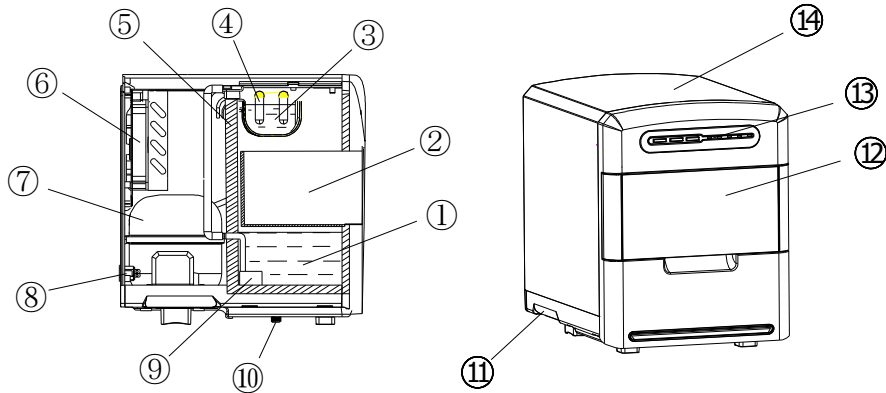
To avoid possible harm, do not operate unit that may have been damaged or seem abnormal. When in doubt, contact the Sunpentown before use.

- When transporting the unit, do not tilt beyond 45° from upright position. Never turn the unit upside-down, may cause compressor or refrigerating system to malfunction.
- Keep unit away from any sources of heat.
- Place unit in a well ventilated area with a minimum of 6" clearance around the unit.
- Clean water tank and ice storage basket before initial use.
- Please clean the icemaker regularly. When cleaning, disconnect power and remove ice cubes. Use a mild cleaning detergent diluted in water with a soft towel or sponge to clean the inside and outside surface of the unit. Do not spray any liquids on the unit. Avoid using strong cleaning solutions such as acids and gasoline.
- Change the water regularly to ensure quality of the ice cube.
- When cleaning, do not move the sensor or wires inside the unit.
- Only drinking water should be used to make ice cube.
- Never fill water above the MAX water level.
- In order to protect the compressor, do not turn unit on and off. If unit needs to be turned off, wait at least 3 minutes before powering on again.
- If unit will not be used for a period of time, please unplug from power source, drain water and allow unit's interior to completely dry before storage.

■ Wiring Diagram



■ Construction

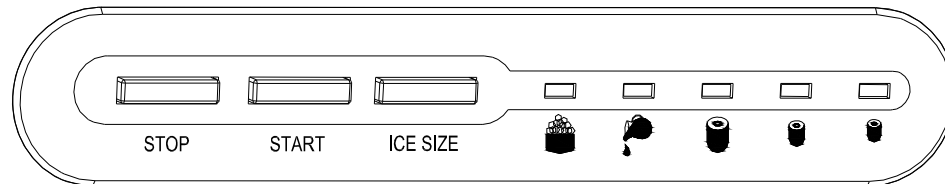


■ Operating Procedure

The unit cycles through the following procedures, until water is low or when ice bin is full:
Pumping water - Ice making – Drawing up water - Ice drop down – Water tray returns to normal position.

■ Operating Instructions

1. Control panel



- A. **'START'** and **'STOP'** button
- When power is connected, unit will enter standby mode (the ice selection indicator light will flash)
 - Press the **'START'** button to begin operation (the related ice size indicator light will turn green)
 - Press the **'STOP'** button and unit will return to standby mode.

- B. **'ICE SIZE'** button
- Press this button to select desired cube size. Default is small.

▪  = **LARGE cube size indicator** (green):

▪  = **MEDIUM cube size indicator** (green)

▪  = **SMALL cube size indicator** (green):

- C.  **"ICE FULL"** indicator (red):

- Indicator lights up when ice storage basket is full. Unit will finish making the current batch then stop and enter into standby mode. Once ice cubes are removed, Ice Full indicator light will shut-off and unit will automatically resume.

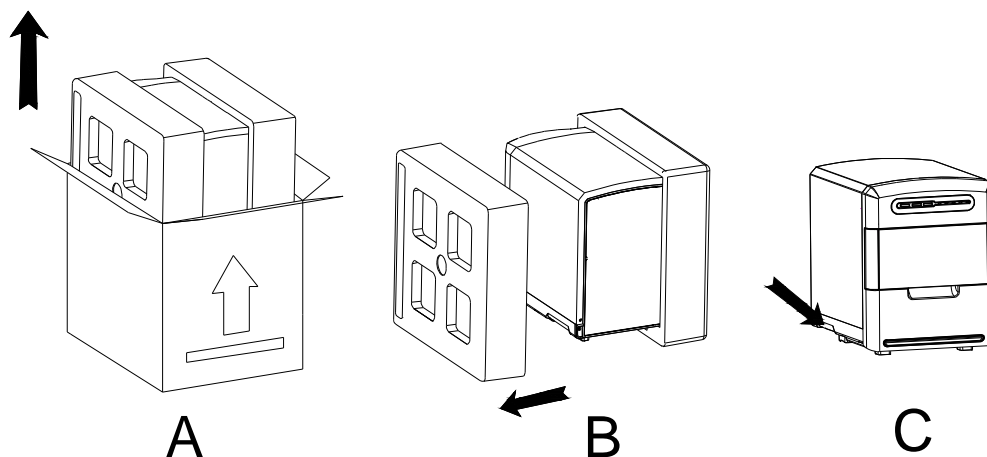
- D.  **"LOW WATER"** indicator (red):

- When water level is too low for unit to function, unit will stop working immediately. Once water is added, indicator light will go off and unit will automatically resume.

2. Additional operation

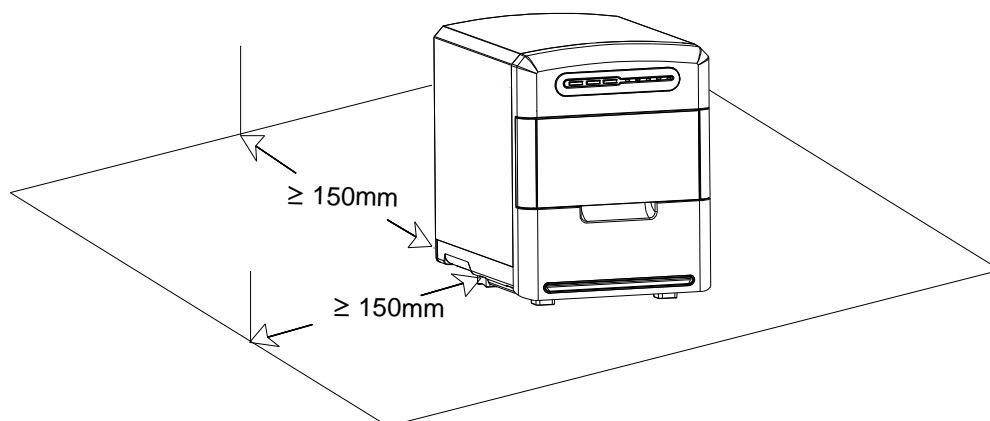
Moving the unit:

When moving or while unpacking the unit, do not tilt unit more than 45 degrees. When transporting the unit, grasp the handles as shown in image C.



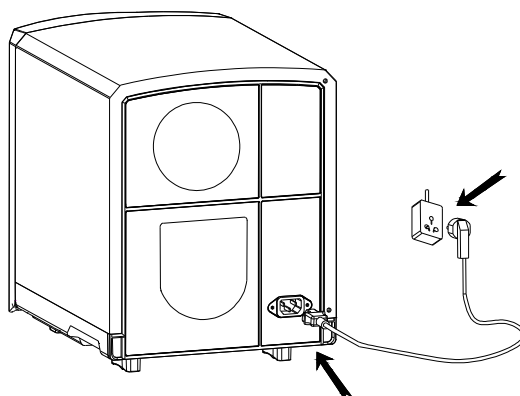
Placement:

Place unit on a stable and flat surface with at least 6" of clearance around the unit.



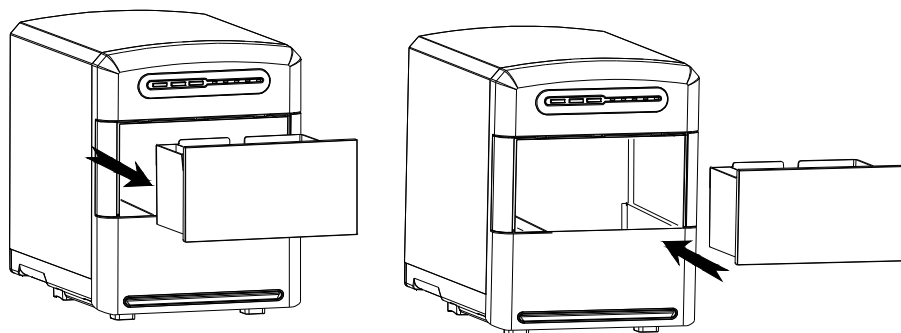
Power connection:

Unit should be connected to an independent wall socket, with a tight connection. Please unplug when not in use or before cleaning.

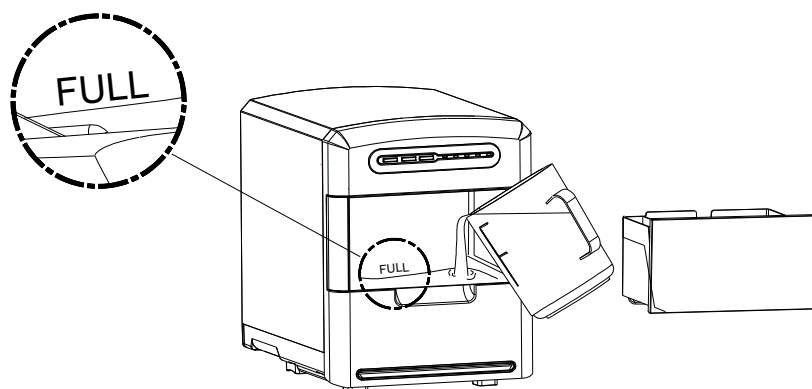


Getting the ice cubes:

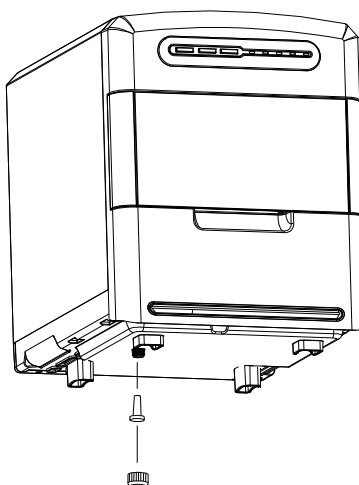
To take ice, gently slide the ice basket towards you. When done, be sure ice basket is replaced.

**Adding the water:**

To add water, first remove the ice basket. Add water with a cup into the water tank. DO NOT fill over the MAX water level.

**Drainage:**

When water needs to be drained, remove the plug underneath the machine. Be sure to replace plug when done.



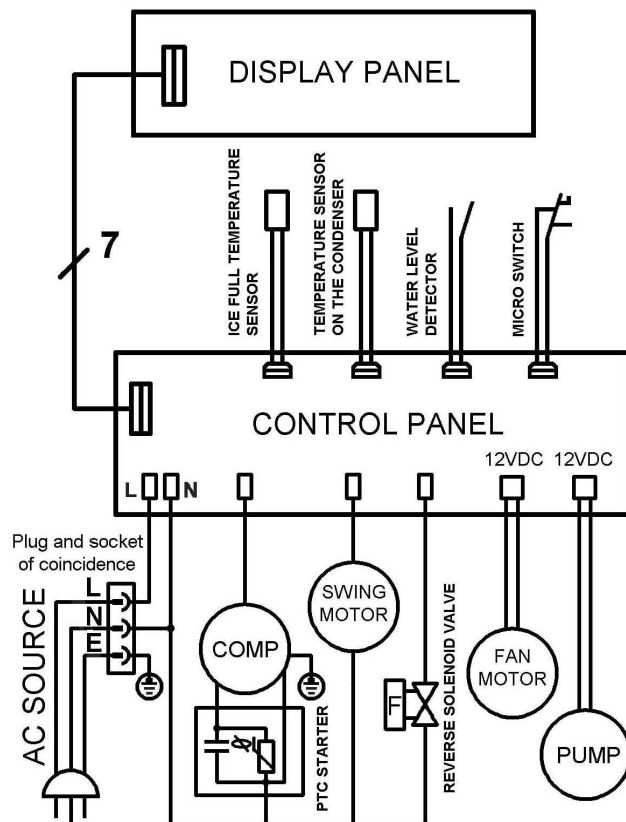
■ Technical data

Model	IM-120B / IM-120S
Climate type	N
Ice making capacity	26.5 lbs (12kg) /24h
Ice storage	1.5 lbs (700g)
Water tank capacity	2.15L
Rated voltage / Frequency	115V/60Hz
Rated current	1.8A
Input power	140W
Shock protection grade	I
Refrigerant	R134a/52g
Insulation layer	EPS
Measurement	10.24 x 13.58 x 13.07 in.
Net weight	24.25 lbs

(The above data is only for reference, subject to the rating label)

■ Electrical circuit

ELECTRIC CIRCUIT DRAWING



■ Trouble Shooting

Problem	Possible cause	Solution
The compressor makes a buzzing noise	Low voltage	Turn off the icemaker. Make sure the voltage is normal and restart.
Ice full indicator light on but basket is not full	Room temperature is too low	Try removing the ice basket and replace
	Delay in sensor	If ice basket was just emptied or when ice drops directly onto the sensor, unit may be triggered to sense basket is full. Wait a couple minutes for sensor to pick up correct temperature. Or you can place your fingertips around the sensor to speed up the process.
	Sensor is defective	Contact Sunpentown
Water low indicator is on but plenty of water in the tank	Sensor is defective	Contact Sunpentown
Power light does not come on	Unit is not plugged properly	Check and ensure the unit is properly plugged
	Burnt fuse on the PCB	Replace fuse
Water low and ice full indicators flash simultaneously	Synchronous motor is detected	Contact Sunpentown
	Ice cubes are sticking together and cannot drop from the evaporator	Unplug unit and transfer ice in bucket to another freezer. Wait for ice to melt from evaporator. Connect power and restart unit. It is recommended to select a smaller ice size.



Your Guarantee

If this product is found to be faulty as a result of faulty materials or workmanship within one year from date of purchase, it will be repaired free of charge.

This guarantee is subject to the following terms:

- Sunpentown must be notified of the fault.
- Proof of purchase must be presented to Sunpentown's nominated representative.
- The warranty will be void if the product is modified, misused or repaired by an unauthorized person.
- The warranty after repair will not be extended beyond the original one-year period.
- All replacement parts will be new or reconditioned.
- Parts, which are replaced, become the property of Sunpentown.
- The warranty applies for the use of the product in the USA only.

What is NOT COVERED:

- Warranty does not include freight charges.
- Incidental or consequential damage caused by possible defects with this product.
- Damage to product caused by improper power supply voltage, accident, fire, floods or acts of nature.
- Failure of product resulting from unauthorized modifications to the product.
- Improper installation or failure to perform the necessary maintenance.

This GUARANTEE is in addition to your Statutory Rights

SUNPENTOWN INTERNATIONAL INC.

21415 Baker Parkway, City of Industry, CA 91789-5236

Tel: 909-468-5288 · Fax: 909-468-5279

service@sunpentown.com

www.sunpentown.com